

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036616.D
 Acq On : 1 Apr 2021 00:41
 Operator : SY/AP
 Sample : M1807-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG3DL

Manual Integrations
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 4/2/2021 6:53:39 PM

Quant Time: Apr 02 15:42:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1612911	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3753280	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.11	117	3252435	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2592063	10.00	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.63	45	77865m	6.806	ppbv	
15) Acetone	3.88	43	180375	1.136	ppbv #	86
19) Isopropyl Alcohol	4.02	45	48992m	0.561	ppbv	
20) Methylene Chloride	4.36	84	75411	1.015	ppbv #	90
26) Hexane	5.70	57	77148	0.440	ppbv #	44

(#) = qualifier out of range (m) = manual integration (+) = signals summed

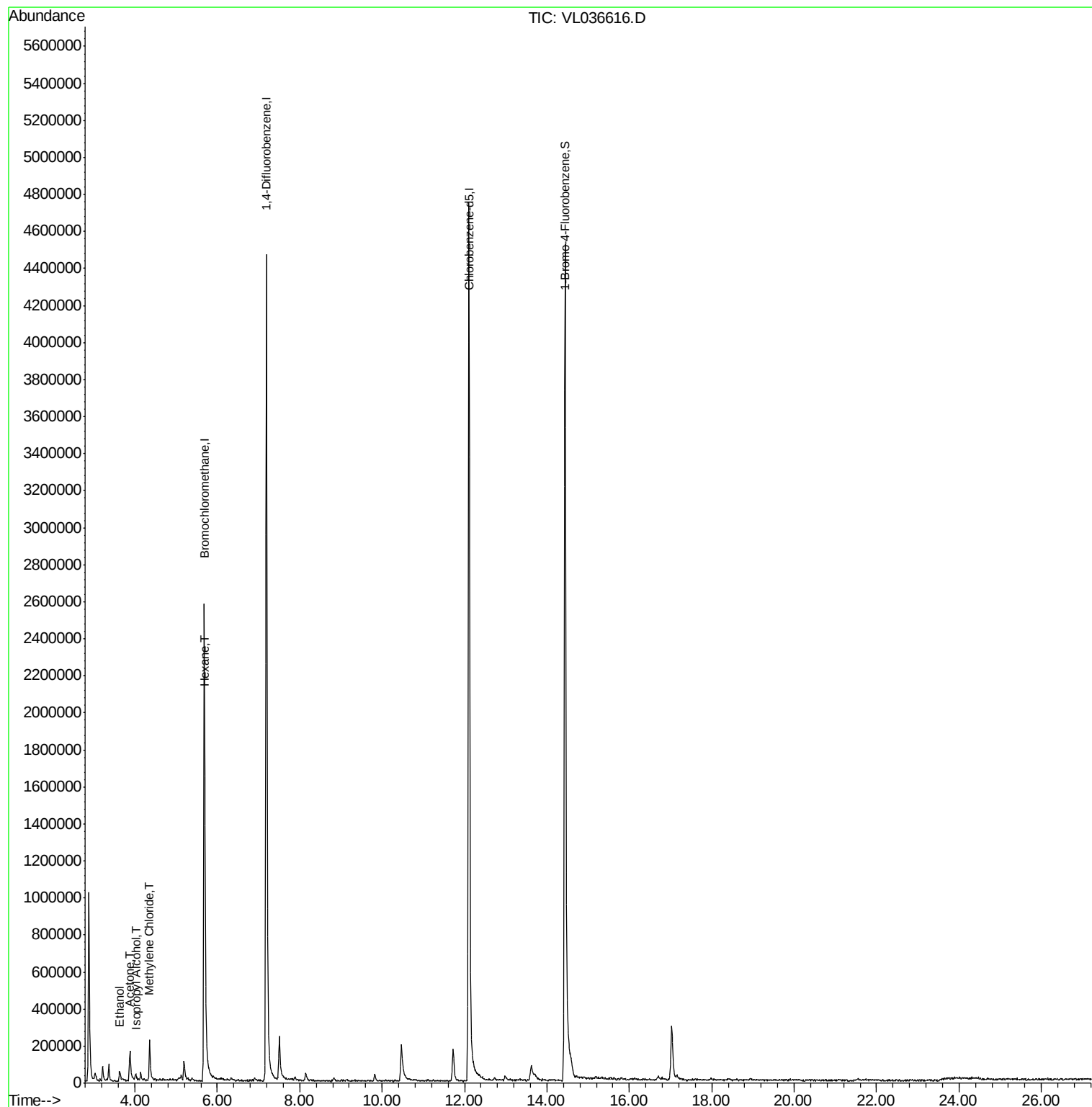
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033121\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL036616.D

Acq: 1 Apr 2021 00:41

Instrument :

MSVOA_L

ClientSampleId :

SG3DL

Tot Ion: 49 Resp: 1612911

Ion Ratio Lower Upper

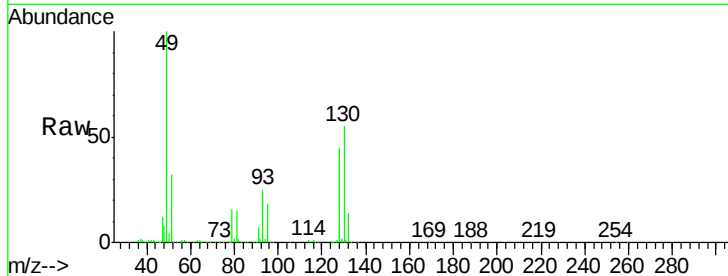
49 100

128 44.3 23.5 70.6

130 56.4 29.1 87.4

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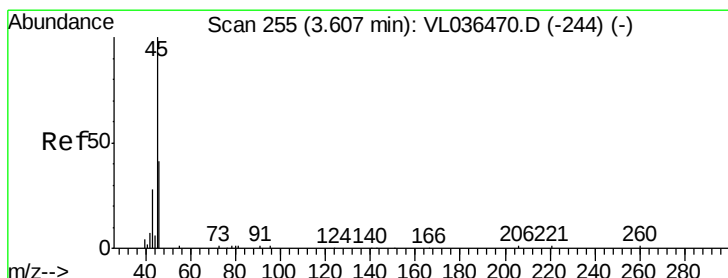
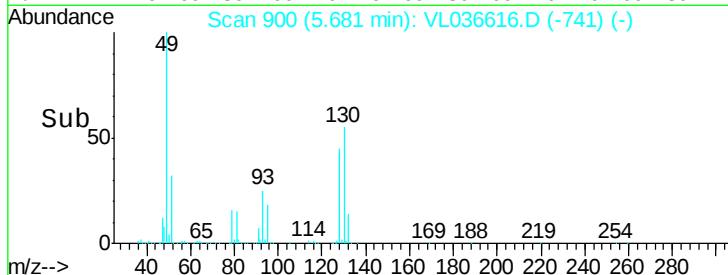
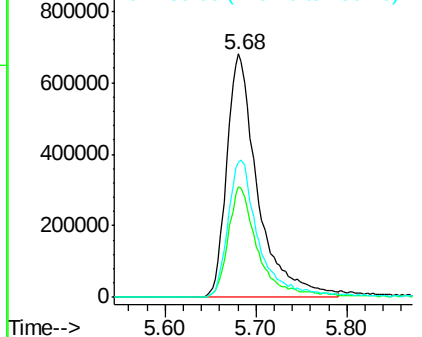
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 6.806 ppbv m

RT: 3.63 min Scan# 262

Delta R.T. 0.02 min

Lab File: VL036616.D

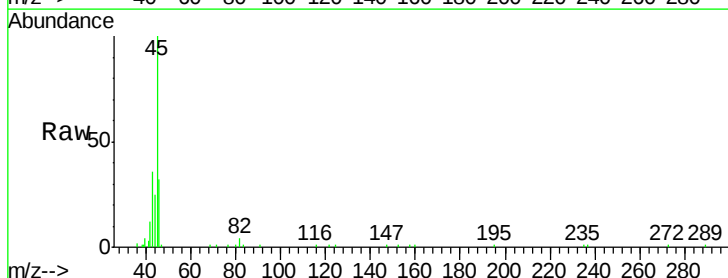
Acq: 1 Apr 2021 00:41

Tgt Ion: 45 Resp: 77865

Ion Ratio Lower Upper

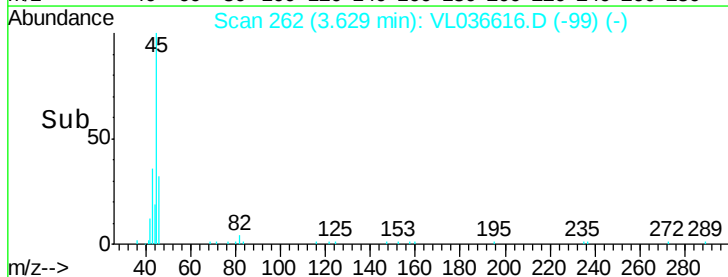
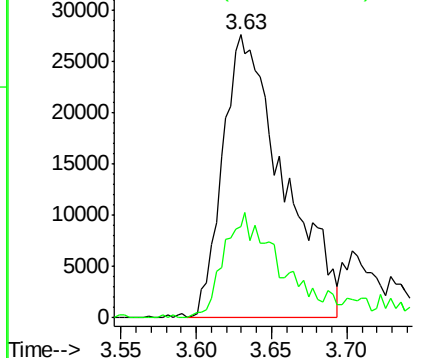
45 100

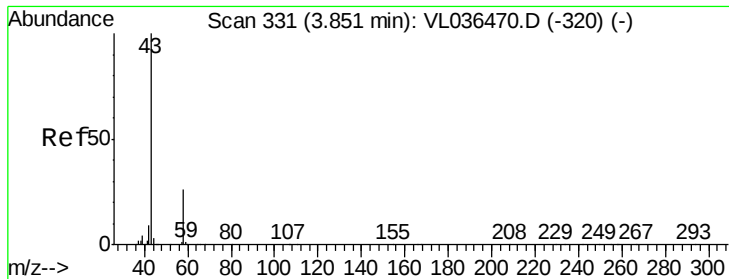
46 40.7 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





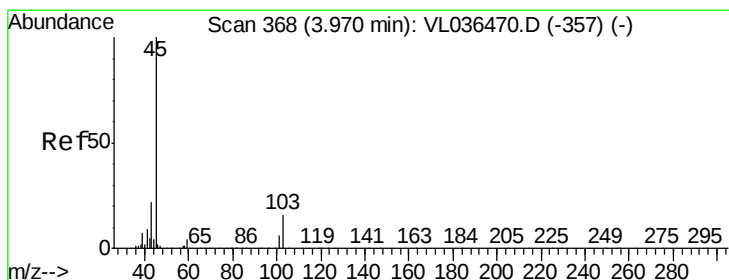
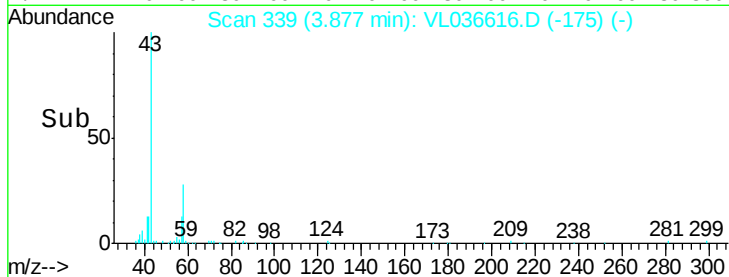
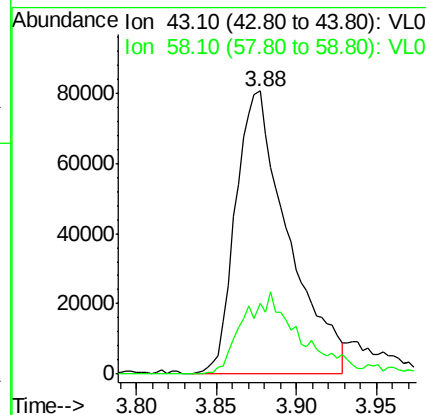
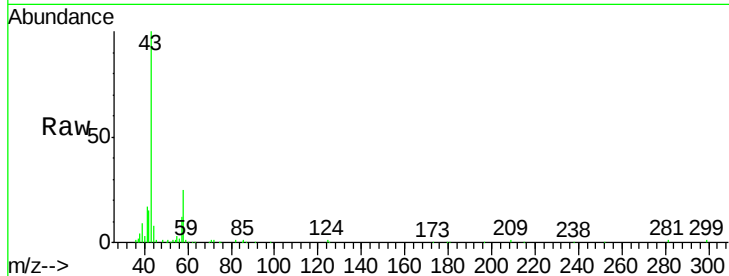
#15
Acetone
Concen: 1.136 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.03 min
Lab File: VL036616.D
Acq: 1 Apr 2021 00:41

Instrument :
MSVOA_L
ClientSampleId :
SG3DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.9	21.2	31.8#

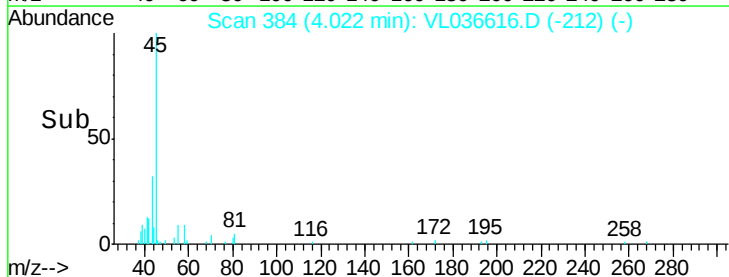
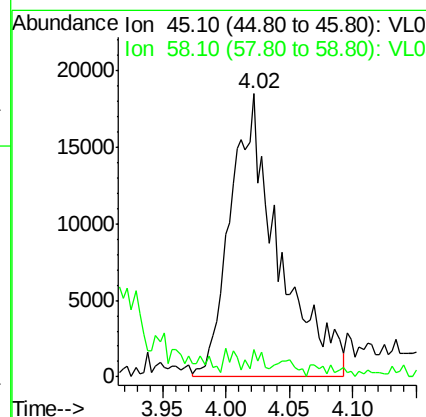
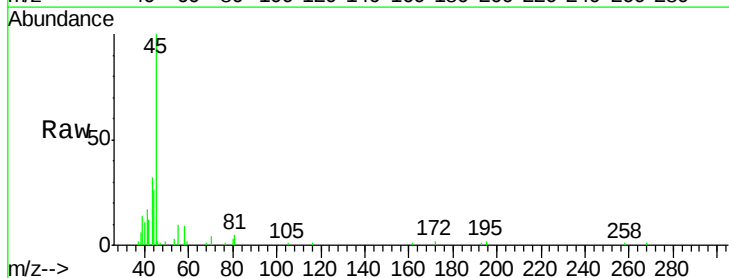
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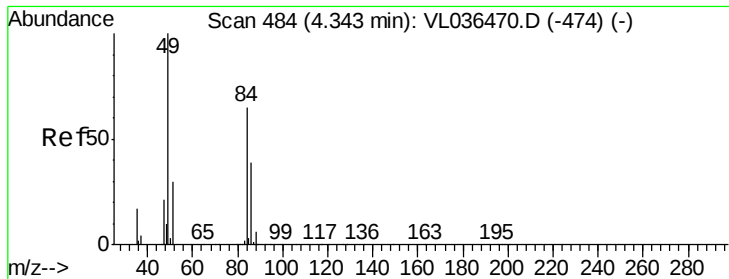
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#19
Isopropyl Alcohol
Concen: 0.561 ppbv m
RT: 4.02 min Scan# 384
Delta R.T. 0.05 min
Lab File: VL036616.D
Acq: 1 Apr 2021 00:41

Tgt Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.9	4.3#





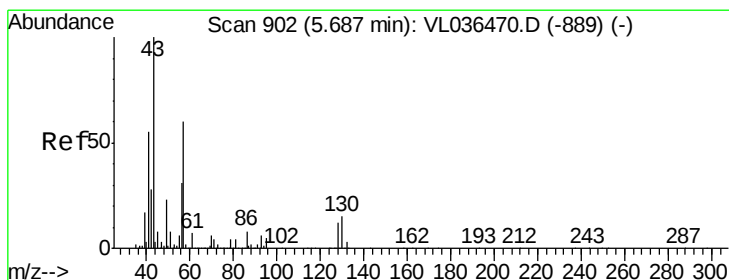
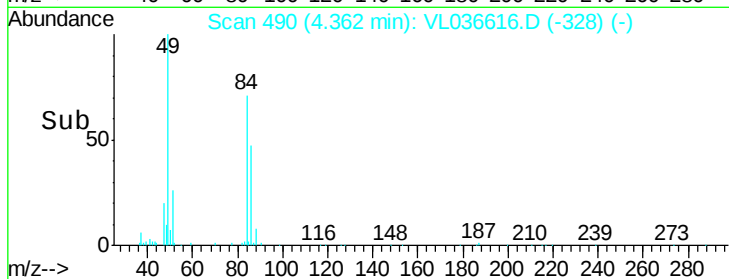
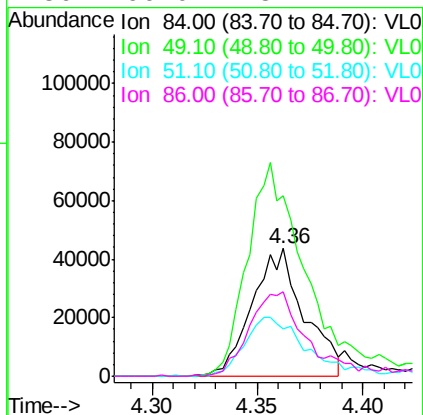
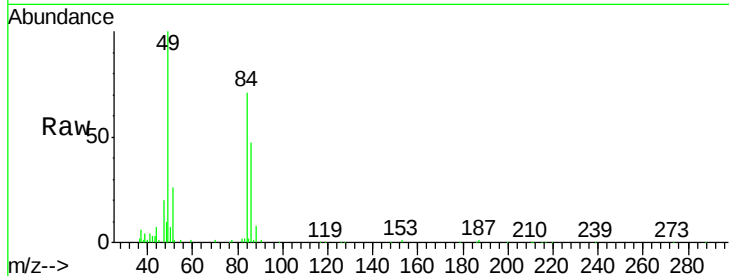
#20
Methvlene Chloride
Concen: 1.015 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.02 min
Lab File: VL036616.D
Acq: 1 Apr 2021 00:41

Instrument :
MSVOA_L
ClientSampled :
SG3DL

Tot Ion	Ratio	Lower	Upper
84	100		
49	141.2	122.9	184.3
51	36.5	36.9	55.3#
86	66.0	48.2	72.4

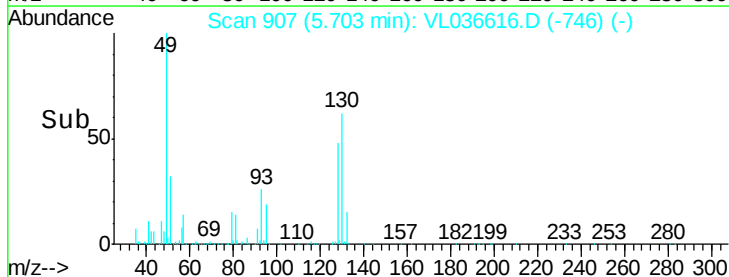
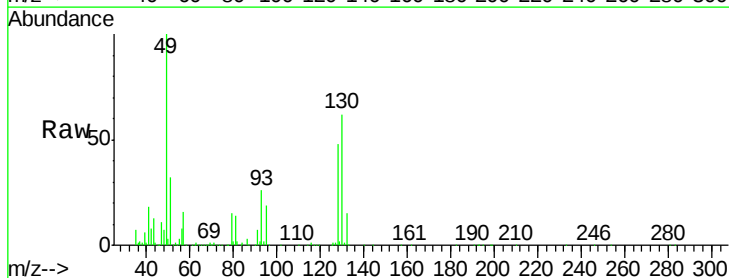
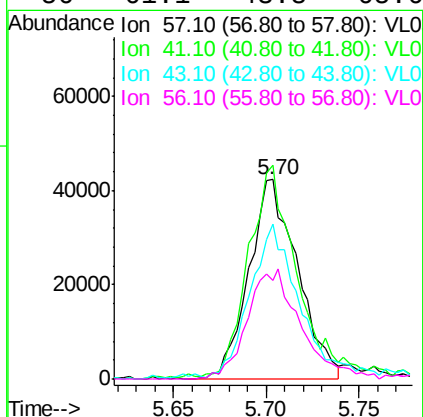
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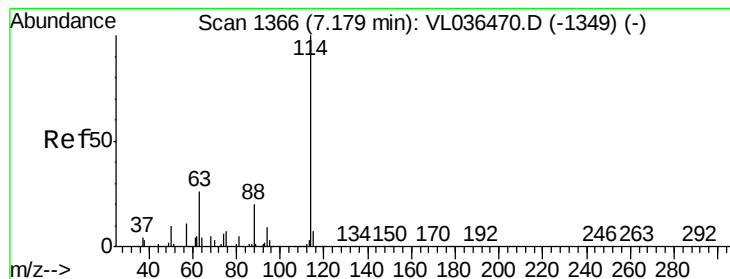
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#26
Hexane
Concen: 0.440 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL036616.D
Acq: 1 Apr 2021 00:41

Tgt Ion	Ratio	Lower	Upper
57	100		
41	114.9	77.2	115.8
43	83.6	173.8	260.6#
56	61.1	43.8	65.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VL036616.D

Acq: 1 Apr 2021 00:41

Instrument :

MSVOA_L

ClientSampleId :

SG3DL

Tot Ion:114 Resp: 3753280

Ion Ratio Lower Upper

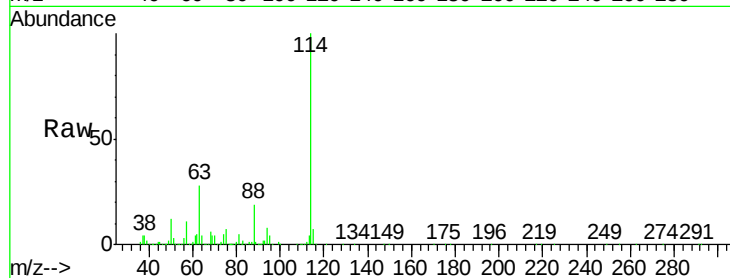
114 100

63 27.4 22.4 33.6

88 19.2 15.4 23.0

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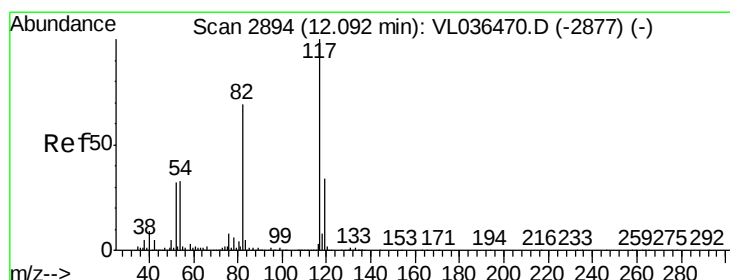
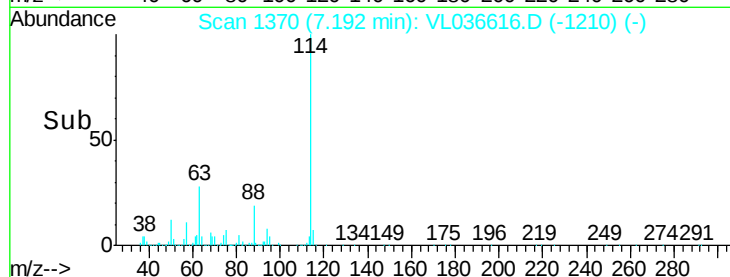
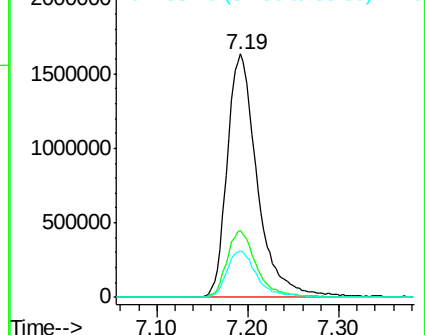
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Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. 0.02 min

Lab File: VL036616.D

Acq: 1 Apr 2021 00:41

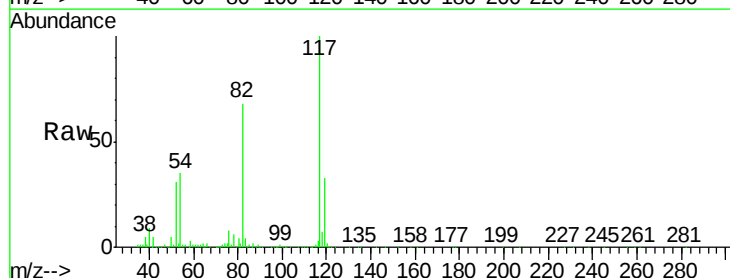
Tgt Ion:117 Resp: 3252435

Ion Ratio Lower Upper

117 100

82 70.6 57.4 86.0

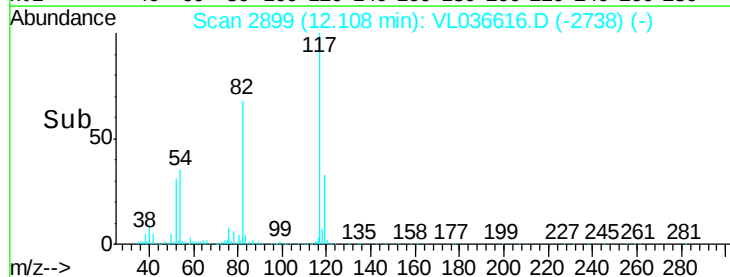
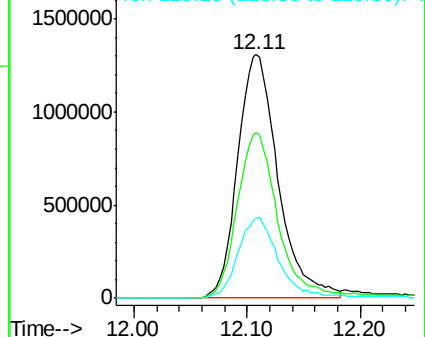
119 33.7 47.4 71.0#

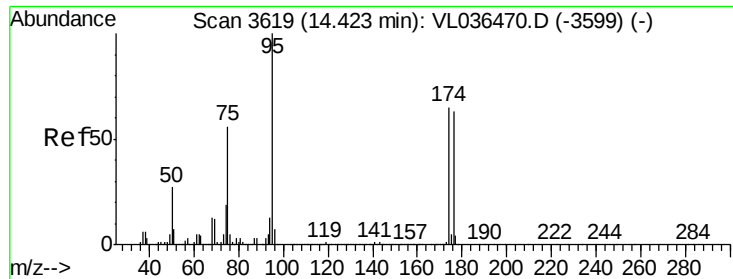


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.999 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. 0.02 min
 Lab File: VL036616.D
 Acq: 1 Apr 2021 00:41

Instrument :
 MSVOA_L
 ClientSampleId :
 SG3DL

Tot Ion: 95 Resp: 2592063
 Ion Ratio Lower Upper
 95 100
 174 65.9 51.0 76.6
 175 4.8 3.9 5.9

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